



WaveLink WM-T500R Pre-N True MIMO Wireless Router

Features:

- Configuration and management operated via WWW browser with password protected access
- Operates on 2.4 GHz frequency band including True MIMO mode
- Superior wireless coverage, less dead spaces and higher throughput with True MIMO technology.
- Support True MIMO Wireless, Compatibility with IEEE 802.11g and 802.11b (2.4GHz) standards
- Up to 240 Mbps data rates for wireless networks
- Supports 64/128-bit WEP, WPA (TKIP with IEEE 802.1x), WPA2 (AES with IEEE 802.1x) functions for high level of security.
- All Ethernet ports support Auto-Crossover (MDI/MDI-X)- No need for crossover cables
- Compliant with IEEE 802.3 and IEEE 802.3u 10/100 Mbps
- DMZ and Virtual Server function provided operating modes include routing, bridge, static IP, PPPoE etc
- Firmware upgrade via HTTP

Specification:

Wireless Features

- Support IEEE 802.11g, 802.11b and True MIMO Wireless Access Point
- For house coverage with True MIMO Technology
- Support 128-Bit and 64-Bit WEP encryption, WPA-PSK, WPA2-PSK, 802.1x
- Receive combining (3 Rx) and Transmit Diversity (2 Tx) Transmit

Modulation Types Supported

- OFDM: BPSK, QPSK, 16QAM, 64QAM, Proprietary MIMO modulation (11g)
- DSSS: DBPSK, DQPSK, CCK(11b)

Data Rates Supported

- IEEE 802.11b: 1, 2, 5.5 and 11 Mbps
- IEEE 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- Airgo True MIMO (20 MHz channel): 24, 36, 48, 72, 96, 108, 120, 126 Mbps
- Airgo True MIMO plus ACE (40 MHz channel): 144, 160, 168, 192, 216, 240 Mbps

Quality of Service (QoS) and Value-Added MAC Features

- IEEE 802.11e QoS
- Wi-Fi Alliance WMM (Wi-Fi Multimedia Enhancement) support
- Hardware-Based Priority Queues
- Proprietary Burst ACK mode

Management Features

- Firmware upgrade via HTTP
- WAN and LAN side connection statistics
- Configuration of static routes and routing table
- Configuration of NAT / NAPT
- Selection of Bridge or Router Mode
- PPP user ID and password
- Configuration of VCs (Virtual Circuits)

Physical Interfaces

- 4 * RJ-45 10/100Mbps LAN Ports
- 1* RJ-45 WAN Port
- 1 Power Jack
- WAN Status, Power and switching hub LED indicators

Router Features

- DHCP Server and Client
- NAPT (Network Address and Port Translation)
- NAT (Network Address Translation)
- ICMP (Internet Control Message Protocol)
- IGMP (Internet Group Management Protocol)
- DDNS (Dynamic Domain Name Service)

Specification:

Security Features

- Password protected configuration access
- User authentication (PAP / CHAP) with PPP

Ethernet Features

- Compliant with IEEE 802.3 and 802.3u 10/100 Mbps
- All Ethernet ports support auto-crossover (MDI/MDI-X)

Temperature

- 32~131°F (0 ~55°C)

Humidity

- Max. 95% (NonCondensing)

Regulatory Approvals

- FCC Part 15 class B & Part 68

Diagnostic LEDs

Power,
System
WAN: Link, ACT & Speed
LAN: Link, ACT & Speed
WLAN: ACT

Power Adapter

5V / 2.5A

Operation Temperature

0 ~ 40 oC

Storage Temperature

-10 ~ 70 oC

Humidity

10% ~ 95% RH, no condensation

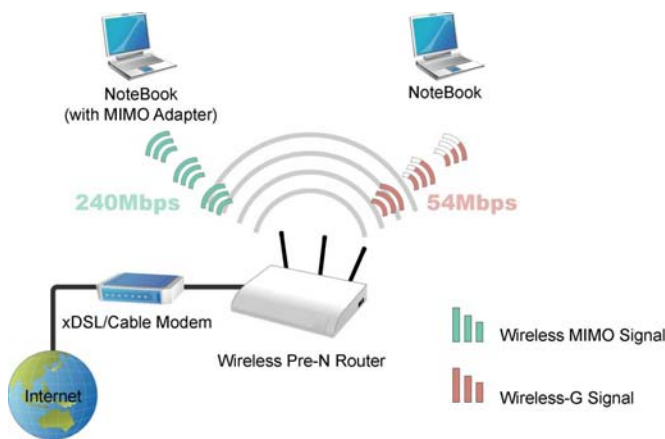
Certifications

FCC Part 15.247 for US
ETS 300 328 for Europe

Dimensions (W x H x D)

147 x 115 x 35 mm (without antenna)

Application Diagram:



Ordering Information:

WM-T500R : Pre-N True MIMO Wireless Router

* Product specification subject to change without notice.